

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

(cancelled)

21. (currently amended) A method of loading schedule planning related data of an airline flight service and on a flight schedule database of a computer based reservation system, comprising:

receiving at least one batch of flight schedule changes at a Schedule Loader server (SLS);

extracting the changes contained in the batch and storing said changes as a set of Future Schedule Records (FSR) which are stored as temporary data available for passenger re-accommodation purpose;

publishing the future schedule records (FSR) and on a reservation distribution server;

simulating passenger re-accommodation options to determine the best re-accommodation option for each passenger among said future schedule records (FSR) and the data of the flight schedule database;

applying the changes in the flight schedule database by:

detecting dependent re-accommodation options by checking whether some of the best re-accommodation options are comprised in said future schedule records (FSR);~~and~~

updating the flight schedule database starting with the future schedule records (FSR) comprising dependent re-accommodation options; and

updating the reservation inventory database according to the re-accommodations determined during the simulation step,

wherein a reservation system selects a reassignment option, said option being selected from the future schedule record (FSR) or the current schedule record,

wherein the current schedule record is a record that remains unchanged by the applying changes in the flight schedule database.

22. (currently amended) The method according to claim 21 ~~1~~, further comprising:

accessing via a Graphical User Interface to—access and set up automation criteria for processing each batch of flight schedule changes, for verification of the changes extracted from the batch of changes and for the validation of the reservation re-accommodations.

23. (cancelled)

24. (currently amended) The method according to claim 21
~~+, wherein a characteristic suffix (SL) is assigned to the changes~~
~~to be and~~ stored as future schedule records (FSR).

25. (currently amended) The method according to claim 24
~~4, wherein an argument the fact that there~~ is assigned to each
record (FSR), ~~said argument indicates an argument (FSR is~~
~~published) indicating whether this record (FSR) has been made~~
accessible to the reservation distribution server.

26. (currently amended) The method according to claim 25
~~5, wherein further comprising:~~

determining for each extracted change: ~~the a~~
corresponding flight periods of the flight schedule database
~~affected by the change, are opened; if said period has and upon~~
further determination that said corresponding flight periods have
not already been affected by one change whose argument is positive,
perform the further steps of:

duplicating ~~said period is duplicated and assigning~~ the
suffix (SL) ~~is assigned~~ to the duplicated period;

sending a scheduling change message ~~is sent~~ to integrate
the change in the duplicated period that it affects;

indicating ~~it is indicated~~ that the change is a record
accessible to the reservation distribution server, by placing its
argument (FSR is published) in the positive state.

27. (currently amended) The method according to claim-1
21, wherein upon simulation of re-accommodation, a degree of
dependency is attributed to each record~~there is attributed to~~
~~each record a degree of dependence~~ as a function of the number
of other records in cascade for which an application of said
record gives rise to a re-accommodation of the reservations on said
other records.

28. (currently amended) The method according to claim-7
21, wherein, the in a case of cyclical dependence between several
records, upon the execution of the re-accommodation operations in
the reservation system, each reservation in question is modified
only once by the assembly of these reassessments.

29. (currently amended) The method according to claim-1
21, wherein the records (FSR) are deleted after final updating of
the flight schedule and the reservation inventory databases.